

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

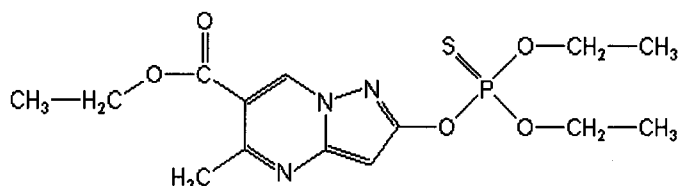
Analyte: Pyrazophos

CAS No.: 13457-18-6

Formula: C₁₄H₂₀N₃O₅PS

Molecular mass (lowest isotopes): 373,09 amu

Structure:



Ionisation: ESI +

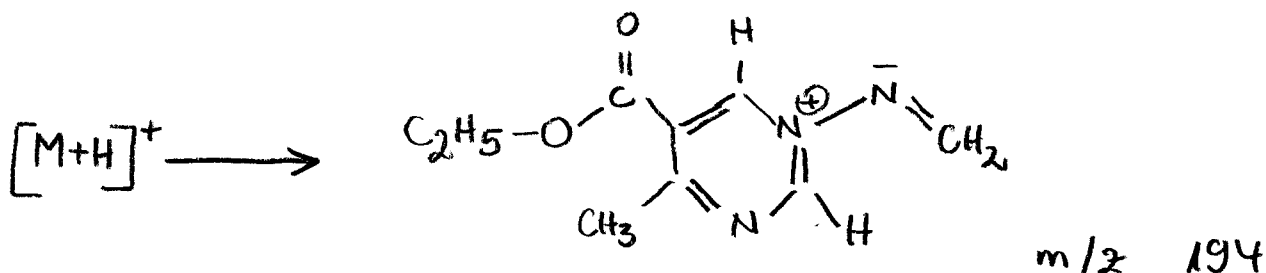
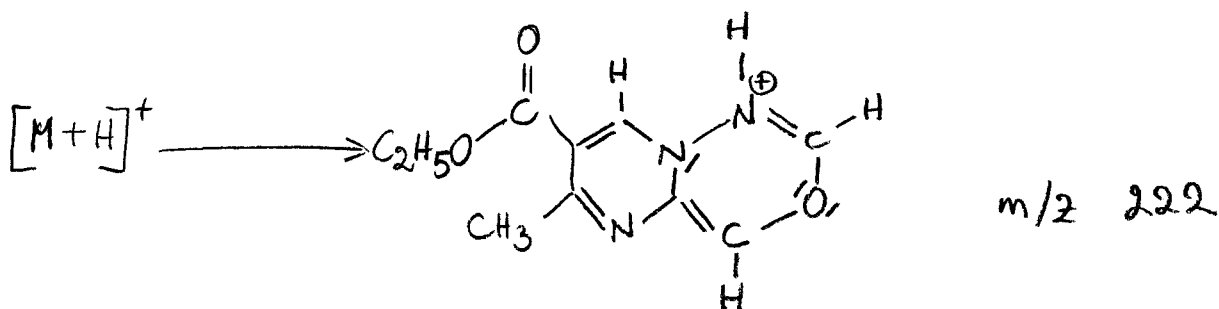
Quasimolecular ion: 374,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	374,1 → 222,1	374,1 → 194,1
Declustering potential (DP) ^{*)}	61 V	61 V
Focusing potential (FP)	340 V	330 V
Entrance potential (EP)	10,0 V	9,5 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	29 V	43 V
Collision cell exit potential (CXP)	12 V	10 V

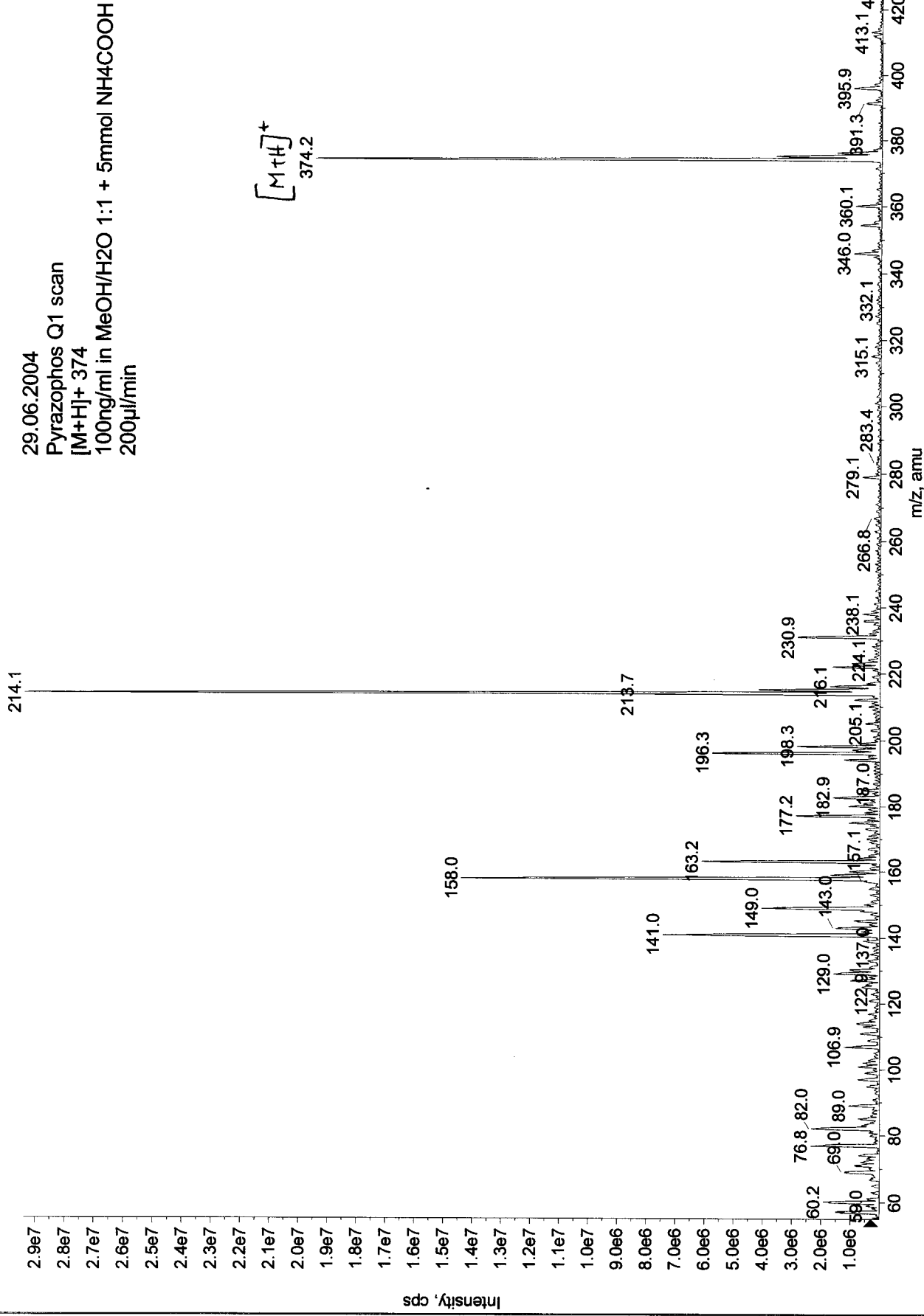
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

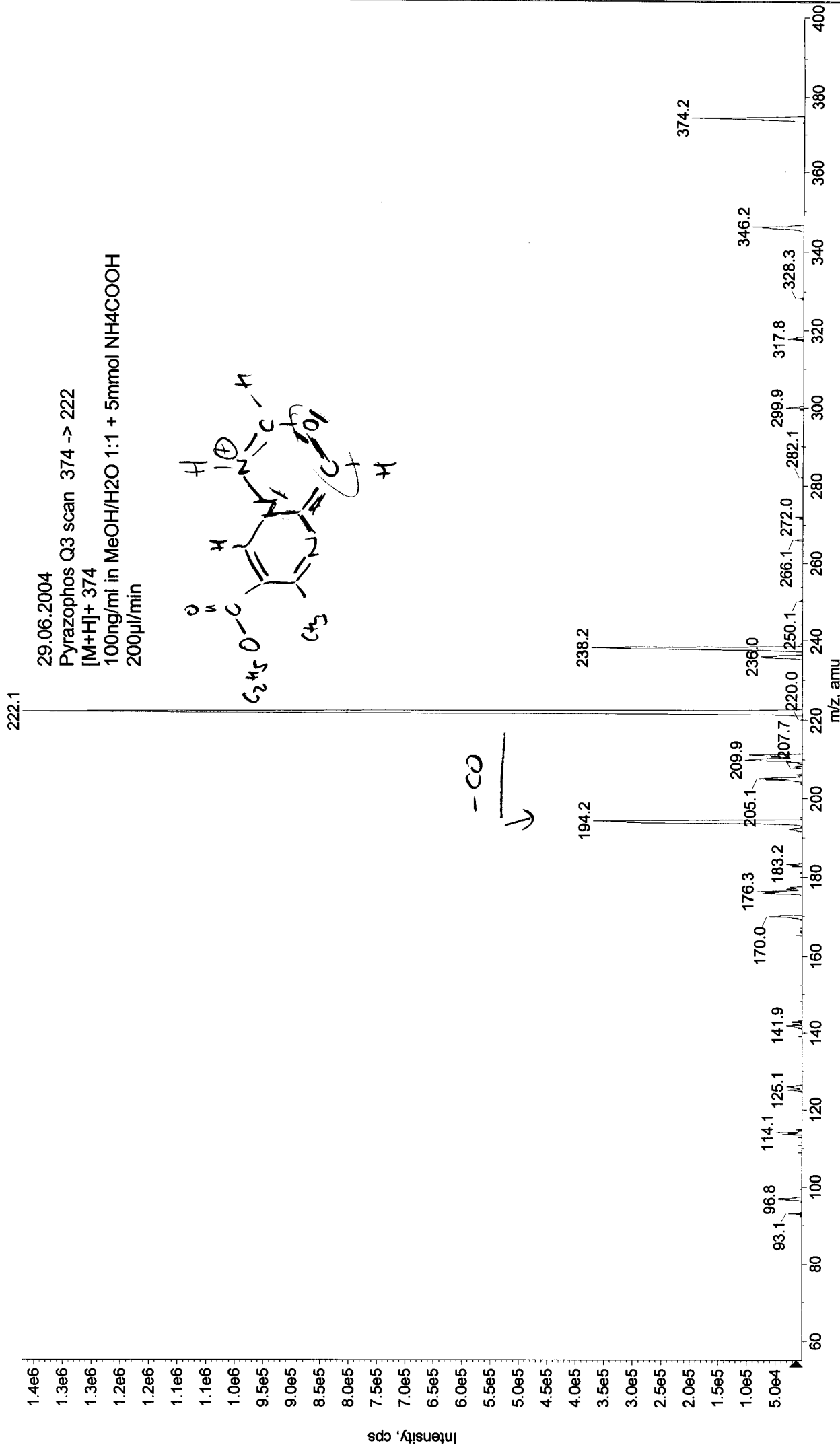


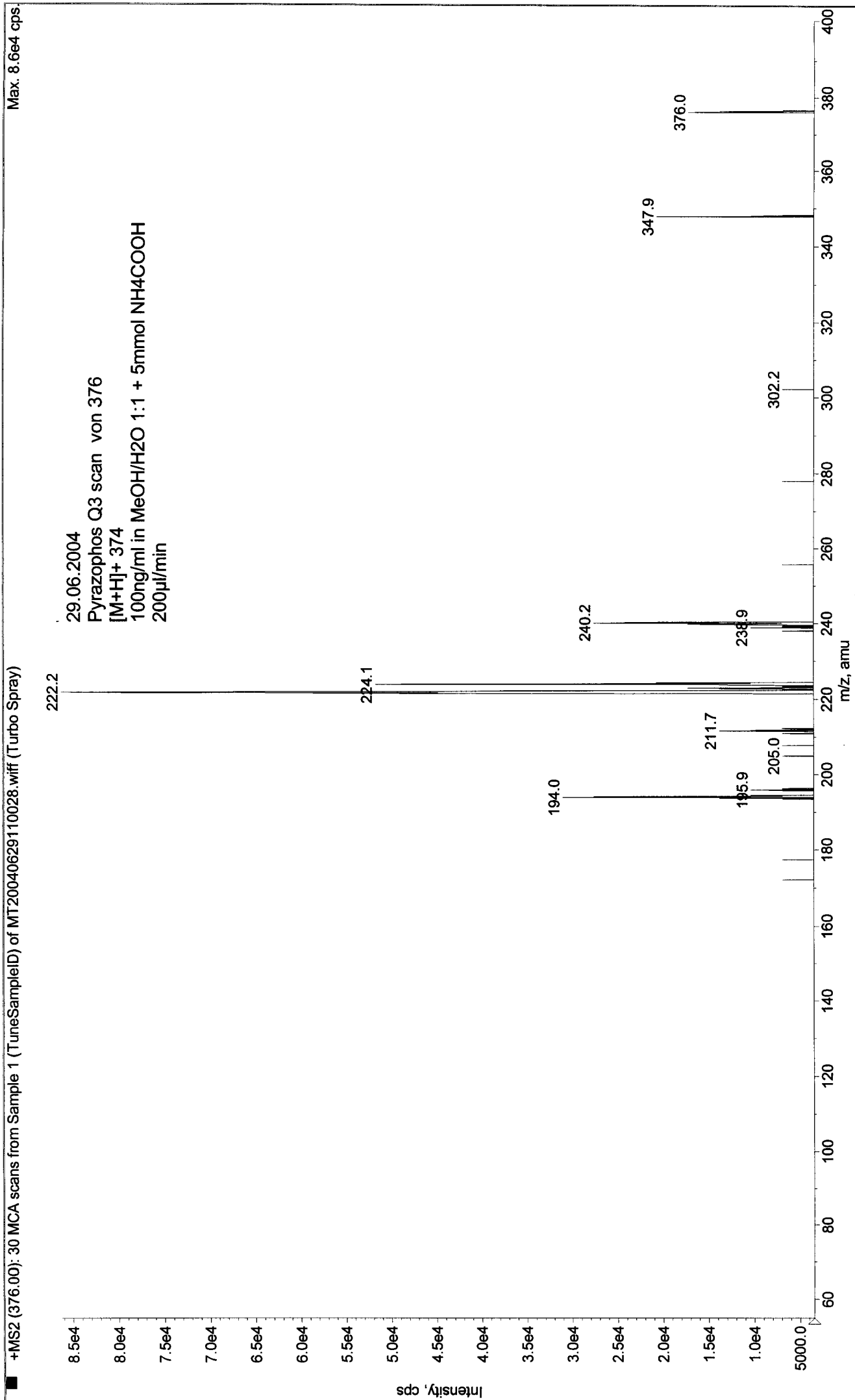
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629105608.wiff (Turbo Spray)

Max. 2.9e7 cps.



+MS2 (374.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629105859.wiff (Turbo Spray) Max. 1.4e6 cps





Printing Time: 11:11:53
Printing Date: Tuesday, June 29, 2004
Acq Time: 11:10
Acq Date: Tuesday, June 29, 2004
Acq File: MT20040629111049.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

Max. 1.3e6 cps

+MS2 (374.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629111049.wiff (Turbo Spray)

